

The IBM AS/400 is a flexible, all-purpose family of midrange computers, comprising processors for businesses of all sizes and sectors. Covering a vast range of processing power and networking capabilities, the eight 9406 models are modular units that use rack-mounted packaging for higher performance and growth.

IBM Product Information

The IBM Application System/400 9406 System Unit

IBM

Reaching for the top with AS/400 Models F35, F45, F50, F60, F70, F80, F90 and F95

The fourteen new IBM Application System/400 (AS/400) models are all advanced, high-function, easy-to-use computers.

Designed for growing businesses, they offer versatile connectivity features, an impressive array of powerful business applications, and a vast range of processing power.

Manufactured in Europe for the European market, these new processor models demonstrate IBM's continued commitment to the evolution of the AS/400 family.



You can increase your processing power by orders of magnitude with the eight models of the 9406.

AS/400 system highlights.

All models have a single, consistent operating system with an integrated relational database. The advanced, flexible capabilities of the IBM Operating System/400 (OS/400) help ensure that you get the most from your IBM processors, providing a broad spec-

trum of function including communication, data management, multilingual support, programmer and system services. Many additional, easy-to-use functions have been added in the new generation.

Electronic Customer Support. These state-of-the-art facilities provide such services as local and remote Question/Answer (Q&A) databases, technical information access and exchange, and remote service assistance, including remote problem analysis.

Advanced capabilities. The AS/400 offers special printing capabilities which allow users to create electronic forms, including scanned images such as company logos, to reduce or eliminate the need for many preprinted forms. Output can be sent directly to any standard fax machine. Via the Callpath/400 option, the AS/400 can also integrate telephone control functions and voice information from a variety of Private Branch Exchange (PBX) systems.

Among the other features common to all AS/400 systems are:

- Online help.
- Online education, including Tutorial System Support modules integrated into the operating system.
- The ability to run most System/36, System/38 and AS/Entry programmes with minimal recompiling and modification of source code.
- Worldwide national language support.
- Comprehensive communication facilities.



The 9406:

CMOS logic, and virtually limitless networking capabilities.

Productivity par excellence with the 9406 Models.

In this powerful new system, processing power has increased over previous models, as has the selection of attachments and system capabilities.

The 9406 system offers:

- A growth of 12 times between the Model F35 and the Model F95.
- "4-way" implementation of AS/400 "N-Way" architecture that closely couples four processors within a single system in the Model F95.
- Strong growth potential and investment protection, with processors that support many users and complex applications, advanced connectivity, and flexible, space-efficient configurations.
- Growing business opportunities due to advanced cooperative processing capabilities and the ability to accommodate future technology applications such as voice, image and artificial intelligence.

- System management functions with enhanced save/restore features and increased processor from power outages.

The system processor uses Very Large Scale Integration (VLSI) logic and has a 32-bit data path and 48-bit addressing that has the capability to address 281 trillion bytes of storage. It is implemented with a software and hardware architecture that could accommodate up to 64-bit addressing.

All 9406 F models utilize many advanced features such as high-density CMOS logic. Models F70-F95 utilize ctech logic, a bipolar CMOS "hybrid" with high performance characteristics. In addition, Models F60 through F95 make use of high-speed SRAM cache memory for faster memory access and a fiber optics bus to enhance performance.

IBM 9406 Processor Models at a glance

Model	F35	F45	F50	F60	F70	F80	F90	F95
Main storage memory (MB)								
- Minimum	16	16	64	128	128	128	128	128
- Maximum	80	80	192	256	512	512	512	512
System unit expansion	0	0	1	1-2	1-2	1-3	1-3	1-3
System I/O-bus	2	2	3-5	3-5	3-7	3-7	3-7	3-7
Bus extension unit	0-4	0-4	0-10	0-10	0-10	0-14	0-14	0-14
I/O-card slots	11-55	11-55	18-140	18-140	17-195	17-195	17-195	17-195
Integrated DASD (GB)	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
External DASD capacity (GB)	39.3	39.9	74.7	110.1	165.2	165.2	165.2	165.2
Tape units								
- 1/4-inch tape	0-5	0-5	0-9	0-9	0-9	0-9	0-9	0-9
- 1/2-inch tape	0-2	0-2	0-4	0-4	0-4	0-4	0-4	0-4
- 8mm 5 GB tape	0-4	0-4	0-4	0-4	0-4	0-4	0-4	0-4
Communication lines (maximum)	20	33	33	49	64	64	64	64
Attached workstations (maximum)								
Twinax	480	720	1,000	1,400	2,400	2,400	2,400	2,400
ASCII	216	324	450	630	1,080	1,080	1,080	1,080
3995 Optical Library (maximum)	8	8	14	14	14	14	14	14
LAN-adapters (maximum)	4	4	4	4	6	6	6	6

Physical specifications

The 9406 System Unit is installed in its own rack enclosure with additional space available for optional DASD, tape or diskette units. These physical specifications describe the rack enclosure.	Width	650 mm (25.6 in.)
	Depth	921 mm (36.3 in.)
	Height	1,578 mm (62.1 in.)
	Weight	508 kg (1,120 lbs.) ⁽¹⁾

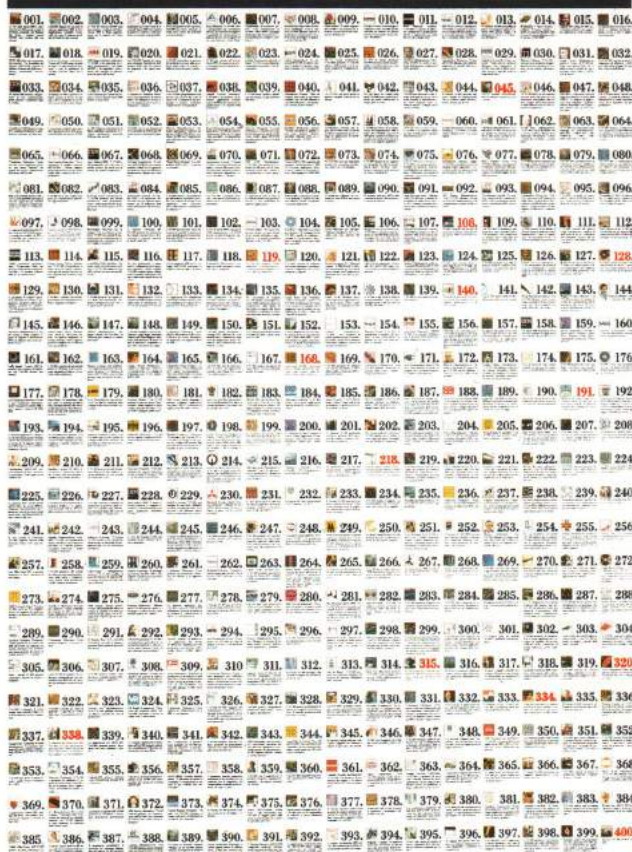
Operating environment

Temperature	10°C to 38°C (50°F to 100°F)	Relative humidity	8% to 80% ⁽²⁾
		Wet bulb	23°C (73°F)

(1) The weight of a populated rack enclosure will vary depending on which devices are installed. This is the maximum weight of a fully populated rack.

(2) If the system contains a tape drive, the temperature range is 15.5°C (60°F to 90°F) and relative humidity is 20% to 80%.

400 reasons to choose IBM AS/400.



IBM

IBM Eurocoordination SA
au capital de 2.700.000 F
Siège social: Tour Pascal
22 Route de la Demi-Lune
92075 Puteaux Haute-de-Seine
RCS Nanterre B304 538 192
France

AS/400, OS/400, SAA,
Callpath are trademarks
of IBM Corp.

References in this publication
to IBM products, programs or
services do not imply that
IBM intends to make these
available in all countries in
which IBM operates.

Any reference to an IBM
product, program or service is
not intended to state or imply
that only IBM's product.

program or service may be
used. Any functionally
equivalent product, program
or service may be used
instead.

The pictures show design
models only.

Printed in Denmark by Bonde's

G511-1473-03



IBM